

Dear all

In this week's digest:

- **MODSIM2023 wrap-up** – We hope all who attended MODSIM in Darwin enjoyed the week. Thank you again to everyone who worked so hard to make it a success. Proceedings will be published in the next two weeks, replacing the current congress website. All full papers and extended abstracts will be included, with individual DOIs. Video recordings of the plenary speakers will be added in due course. We are planning to make photos from the week available to congress delegates. Please note we will not be publishing presentation slides, please contact the author of the paper or abstract for these.
- **Student award winners**
 Congratulations to the winners of the student awards for MODSIM2023 (announced at the closing of MODSIM). Thank you to the student awards committee and all judges.
 - **Best student oral presentation**
 - * Sarah Vollert, Queensland University of Technology, Unlocking ensemble ecosystem modelling for simulation of high-dimensional networks: From days to minutes
 - * Tanvir Mahmud Saurav, University of New South Wales, Canberra, A computational framework for phenomenological modelling of ember storms at the wildland-urban interface
 - **Commendation for student oral presentation**
 - * Caroline Rosello, Australian National University, Identifying factors influencing water planning: Benefits of a capability approach?
 - * Gabrielle Burns, The University of Melbourne, A practical approach to assessing climate change impacts on snow cover and streamflow in southeast Australia
 - **Commendation for student poster**
 - * Luca Trotter, The University of Melbourne, Variable storage capacity in hydrological models to enhance performance under contrasting climates
- **The NT Government would like to hear from MODSIM2023 delegates**
As part of the NT government's continuous efforts to enhance the NT experience, if you haven't already during the conference, we kindly request your assistance in completing a 15 minute survey. Your valuable insights will assist in modelling the economic and social impact and improving the overall experience for future visitors. Please click the link to access the survey. We encourage early completion before memory fades:
<https://survey2.instinctandreason.com/index.php?r=survey/index&sid=468486&newtest=Y>
- MSSANZ will also have a survey for all members regarding MODSIM, whether you attended or not, please look out for that next week.
- The call for abstracts for **AI4Environment 2023** is open. It will be held in Jakarta, Indonesia, from 15–16 November 2023. See <https://pricai.org/2023/workshop/ai4environment/>
Effective management of environmental assets and reducing our impact on sensitive ecosystems are becoming critical issues. Artificial Intelligence (AI) has the potential to accelerate global efforts to protect the environment and conserve resources through renewable energy systems, driving energy emission reductions, CO2 removal, developing greener transportation networks, monitoring deforestation, and planning for extreme

weather conditions. This workshop aims to explore the emerging applications of AI as it relates to environmental conservation and management.

If you would like something included in this digest, please email it to office@mssanz.org.au

Kind regards, Karen